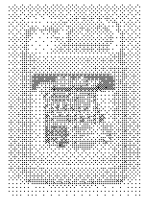
BEHR
STAINS•VARNISHES•PAINTS



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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	**Concrete Cleaner & Degreaser No. 990**
Product Number:	990
Manufacturer Name:	BEHR Process Corporation
Address:	3400 W. Segerstrom Avenue Santa Ana CA 92704

U.S. Contact Info.:

Business Phone:	(714) 545-7101
Technical Service Phone:	(800) 854-0133 ext. 2
Business Fax:	(714) 241-1002

Canadian Contact Info.:

Business Phone:	(800) 661-1591
Technical Service Phone:	(800) 661-1591
Business Fax:	(800) 387-0019

NFPA

2
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HMIS

HEALTH	3
FIRE	1
REACTIVITY	2
PPE	

In Canada, call CANUTEC: (613) 996-6666 (call collect)

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Product No. 990

Chemical Name	CAS#	Lower Percent	Upper Percent
Proprietary ethoxylated alcohols	Proprietary	1	5
Sodium citrate	68-04-2	1	5
Quaternary amine compound	Proprietary	1	5
Silicic acid, disodium salt; Disodium trioxosilicate; Sodium metasilicate	6834-92-0	1	5
Tetrasodium salt of ethylenediaminetetraacetic acid	64-02-8	1	5
Non-hazardous ingredients		60	100
Nonionic component	Proprietary	1	5

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SECTION 3: HAZARDS IDENTIFICATION

Product No. 990

Emergency Overview: Corrosive. Irritant.

SECTION 4: FIRST AID MEASURES

Product No. 990

Eye Contact:	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

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SECTION 5: FIRE FIGHTING MEASURES

Product No. 990

Flash Point:	No Data
Extinguishing Media:	Use alcohol foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Product No. 990

Personal Precautions:	Corrosive. Use proper personal protective equipment as listed in section 8.
Spill Cleanup Measures:	Neutralize residue with appropriate neutralizer. Do not attempt to neutralize large quantities of material unless measures to control reactivity and heat generation have been taken. Absorb spill with inert material (e,g., dry sand or earth), then place in a chemical waste container. Provide ventilation.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.

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SECTION 7: HANDLING AND STORAGE

Product No. 990

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Corrosive. Use proper personal protective equipment as listed in section 8.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

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SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Product No. 990

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Skin Protection Description:	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard

	EN 166.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Product No. 990

Physical State/Appearance:	Liquid
pH:	12 to 14
Vapor Density:	Greater than 1 (Air = 1)
Density:	8.5-8.9 Lbs./gal.
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	No Data
VOC:	Material VOC: 37 gm/l Coating VOC: 78 gm/l

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SECTION 10: STABILITY AND REACTIVITY

Product No. 990

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Heat, flames, incompatible materials, freezing or temperatures below 32 deg. F.
Incompatibilities with Other Materials:	Oxidizing agents. Strong acids and alkalis.
Hazardous Polymerization:	Not reported.
Hazardous Decomposition Products:	Incomplete combustion may produce carbon monoxide and other toxic gases.

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SECTION 11: TOXICOLOGICAL INFORMATION

Product No. 990

Silicic acid, disodium salt; Disodium trioxosilicate; Sodium metasilicate

Skin Effects:	Skin - Rabbit; Standard Draize : 250 mg/24H; Severe. (RTECS)
Ingestion Effects:	Ingestion - Rat LD50: 1153 mg/kg; Gastrointestinal - ulceration or bleeding from stomach Gastrointestinal - ulceration or bleeding from duodenum Gastrointestinal - ulceration or bleeding from small intestine Oral - mouse LD50: 770 mg/kg; Gastrointestinal - ulceration or bleeding from stomach Gastrointestinal - ulceration or bleeding from duodenum Gastrointestinal - ulceration or bleeding from small intestine (RTECS)

Sodium citrate

Tetrasodium salt of ethylenediaminetetraacetic acid

Eye Effect:	Eye - Rabbit; Standard Draize : 1900 ug; No effects reported. Eye - Rabbit; Standard Draize : 100 mg/24H; Moderate. (RTECS)
Skin Effects:	Skin - Rabbit; Standard Draize : 500 mg/24H; Moderate. (RTECS)

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SECTION 12: ECOLOGICAL INFORMATION

Product No. 990

Ecotoxicity:	No ecotoxicity data was found for the product.

Environmental Fate:	No environmental information found for this product.

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SECTION 13: DISPOSAL CONSIDERATIONS

Product No. 990

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

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SECTION 14: TRANSPORT INFORMATION

Product No. 990

DOT Shipping Name:	Paint.
DOT UN Number:	No Data
DOT Hazard Class:	3
DOT Identification Number:	UN1263
DOT Packing Group:	III

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SECTION 15: REGULATORY INFORMATION

Product No. 990

Silicic acid, disodium salt; Disodium trioxosilicate; Sodium metasilicate

Canada DSL: Listed

Sodium citrate

US Federal: Listed

Canada DSL: Listed

Tetrasodium salt of ethylenediaminetetraacetic acid

US Federal: Listed

Canada DSL: Listed

Non-hazardous ingredients

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SECTION 16: ADDITIONAL INFORMATION

Product No. 990

MSDS Revision Date: 11/2004

MSDS Author: Actio Corporation

Disclaimer:

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

References:

1. American Chemical Society, STN Easy Online Database
2. Brethericks Reactive Chemical Hazards Database. Version 2.
3. Gassarett and Doulls Toxicology, The Basic Science of Poisons.
4. Hawleys Condensed Chemical Dictionary, Thirteenth Edition
5. IARC monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, WHO International Research on Cancer.
6. Industrial Hygiene and Toxicology, by F.A. Patty.
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9. NIOSH Registry of Toxic Effects of Chemical Substances (RTECS) and Pocket Guide to Chemical Hazards.
10. OSHA Hazard Communication Standard, 1910.1200 and Z Tables.

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